The new Razer Imperator is outfitted with an ultra-precise 4G Dual Sensor System, that makes use of both a laser and an optical sensor to enhance tracking precision by calibrating to different surfaces and allowing adjustment of liftoff tracking distance. Add to that an improved rubberized side grip to provide maximum comfort and control, ensuring you're geared to win all the time.

MASTER GUIDE

CONTENTS

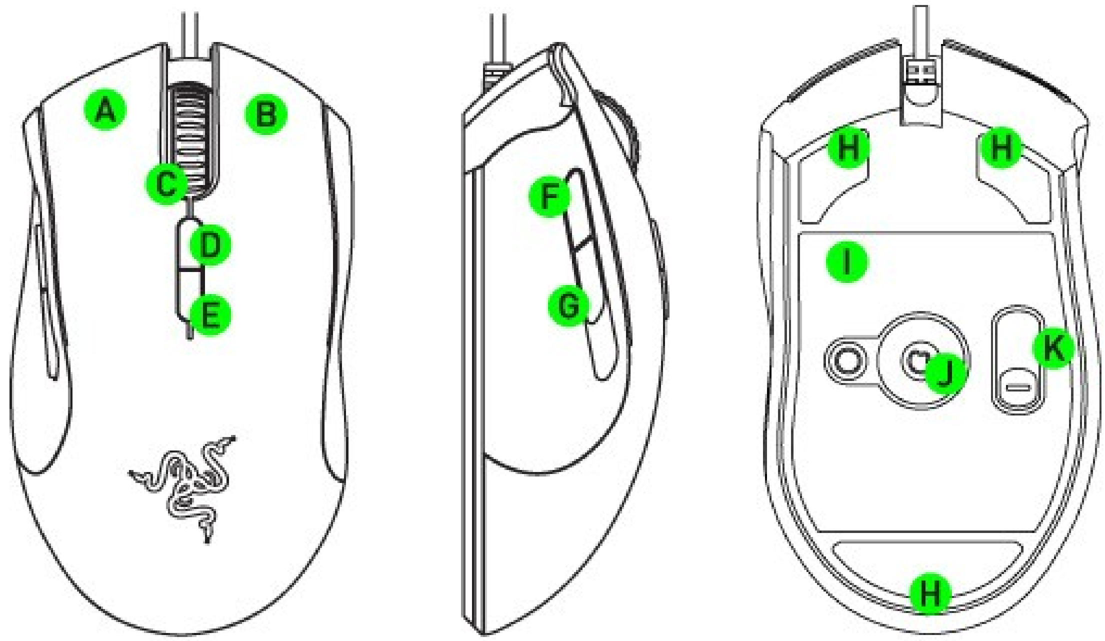
1. PACKAGE CONTENTS

- Razer Imperator
- Quick Start Guide
- Master Guide

2. SYSTEM REQUIREMENTS

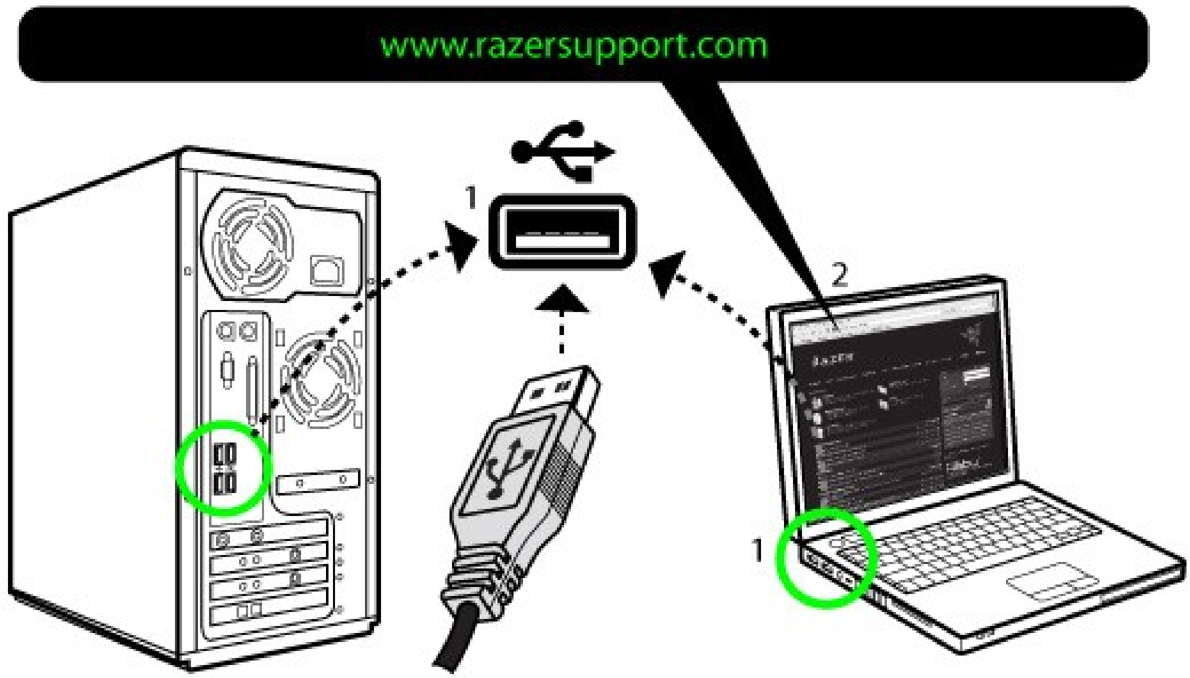
- PC with USB port
- Windows® 7 / Windows Vista® / Windows® XP
- Internet connection (for driver installation)
- 75MB of free hard disk space

3. KEY FEATURES



A. Left Click
B. Right Click
C. Scroll Click / Scroll Up & Down
D. Sensitivity Stage Up
E. Sensitivity Stage Down
F. Mouse Button 5
G. Mouse Button 4
H. Ultraslick Mouse Feet
I. Razer Synapse Onboard Memory
J. 4G Dual Sensor System
K. Side Button Selector Switch

4. INSTALLATION AND SETUP / REGISTRATION / TECHNICAL SUPPORT



1. Plug your Razer Imperator into the USB port of your computer.
2. Download the driver installer at **www.razersupport.com**
3. Run the installer and follow the onscreen instructions.

REGISTRATION
Please visit **www.razerzone.com/registration/** for online product registration.

TECHNICAL SUPPORT
What you'll get:
• 2 years limited manufacturer's warranty
• Free online technical support at **www.razersupport.com**.

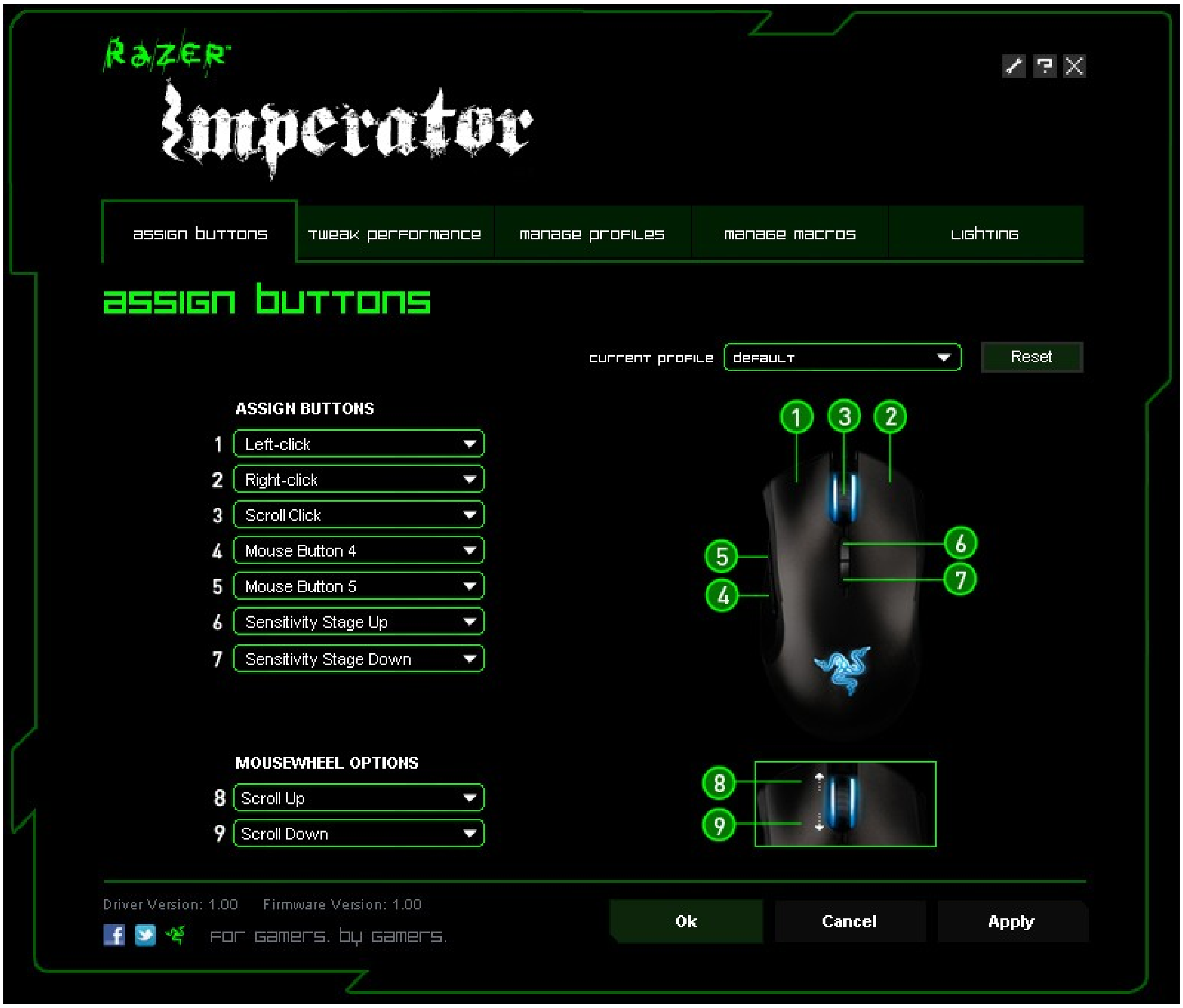
5. CONFIGURING YOUR RAZER IMPERATOR

The features listed here require the Razer Imperator software driver to be installed.

RAZER SYNAPSE ONBOARD FUNCTONS

With Razer Synapse, all settings will be saved on the profile selected and will apply on another computer even without the Razer Imperator Configurator installed.

ASSIGN BUTTONS TAB



In the Assign Buttons tab, you can assign various functions to each of the buttons based on your own preferences.

The following functions are possible:

LEFT CLICK
Perform a left mouse click.

RIGHT CLICK
Perform a right mouse click.

SCROLL CLICK
Click once on the assigned button to scroll click.

DOUBLE CLICK
Perform a double click with the assigned button.

MACRO
If the button function or key is not listed, or if you would like to assign a macro to a button, select "Macro" from the dropdown menu. In addition, all saved macros will be shown on a sub dropdown menu for quick selection when you mouse over the "Macro" option.

TEMPORARY DPI SWITCH
If the designated button is held, the mouse will switch to the user-defined temporary DPI whilst in-game until the button is released (at which point it will return to the original set sensitivity.



SENSITIVITY STAGE UP/DOWN
Switch the current sensitivity stage to the next/previous stage.

MOUSE BUTTON 5
Assign a "Forward" command in Windows Explorer / Internet Explorer.

MOUSE BUTTON 4
Assign a "Back" command in Windows Explorer / Internet Explorer.

ON-THE-FLY SENSITIVITY
Enable change of sensitivity settings on the fly without the need to enter the configuration menu. Refer to 'Using Your Razer Imperator' for more details.

SINGLE KEY
Activate a key on your keyboard.

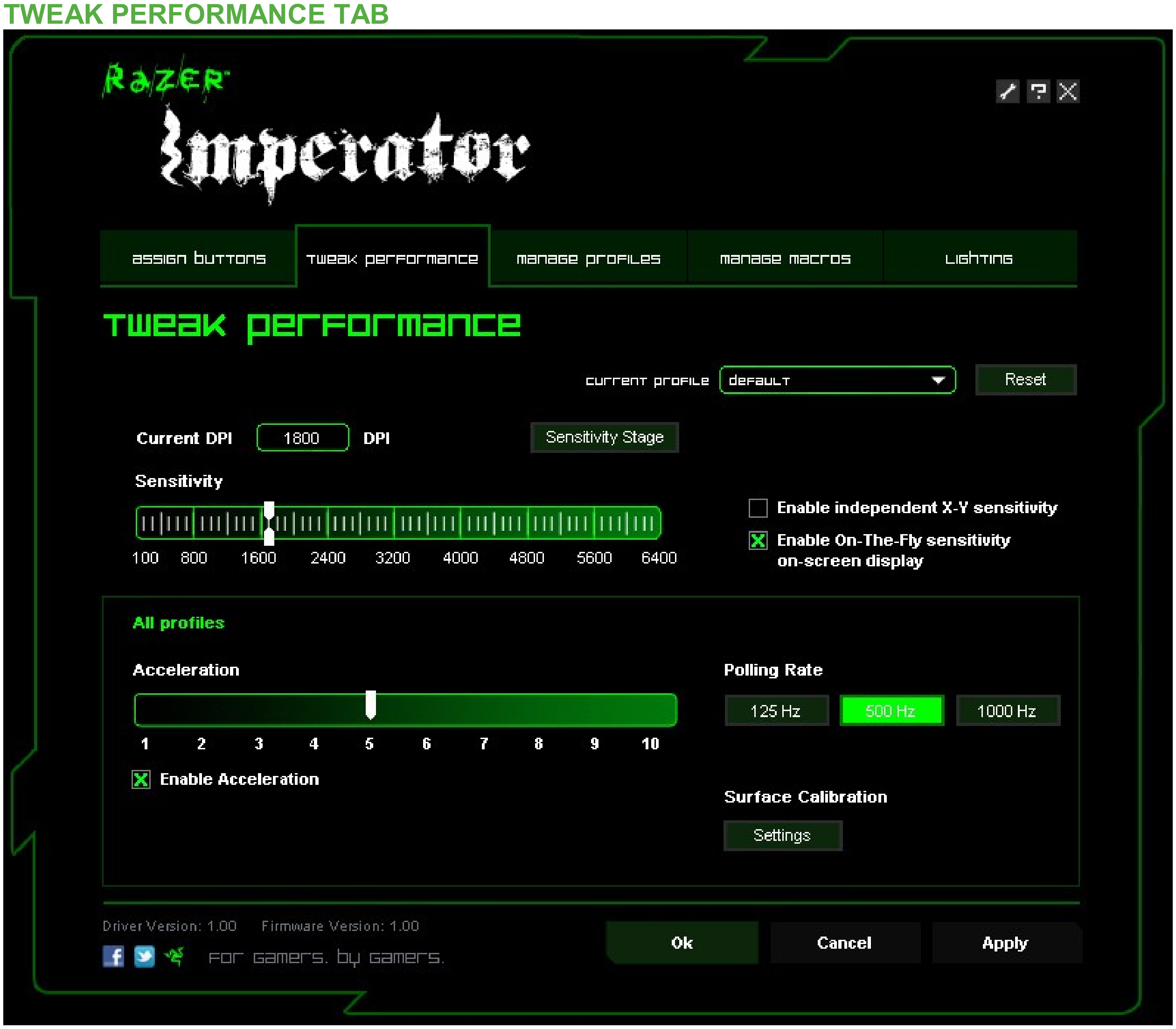
PROFILE
Switch to a profile on the fly and immediately load all your pre-configured mouse settings. When you select "Profile" from the dropdown menu, a sub-menu will appear that allows you to choose your desired profile.

SCROLL UP
Scroll up the page you are currently viewing.

SCROLL DOWN
Scroll down the page you are currently viewing.

BUTTON OFF
Disable any function on the assigned button.

TWEAK PERFORMANCE TAB



1. CURRENT DPI
The current DPI setting is shown.

2. SENSITIVITY
The current sensitivity of your Razer Imperator can be easily adjusted by moving the arrow along the slider.

a. Sensitivity Stage
Click on this to adjust the Sensitivity Stage settings.
Refer to 'Using Your Razer Imperator' for more details.

b. To set a different sensitivity level in the X and Y axis, you can select the "Enable independent X-Y sensitivity" option and move the individual X and Y arrows along the slider.

c. To display the On-The-Fly Sensitivity indicator onscreen whenever you make changes on the fly, select the "Enable On-The-Fly sensitivity on-screen display" option.

3. ACCELERATION
You can activate acceleration by checking the "Enable Acceleration" box and moving the arrow along the slider.

4. POLLING RATE
You can switch between 125Hz (8ms), 500Hz (2ms) and 1000Hz (1ms) by clicking on the individual polling rate buttons.

5. SURFACE CALIBRATION

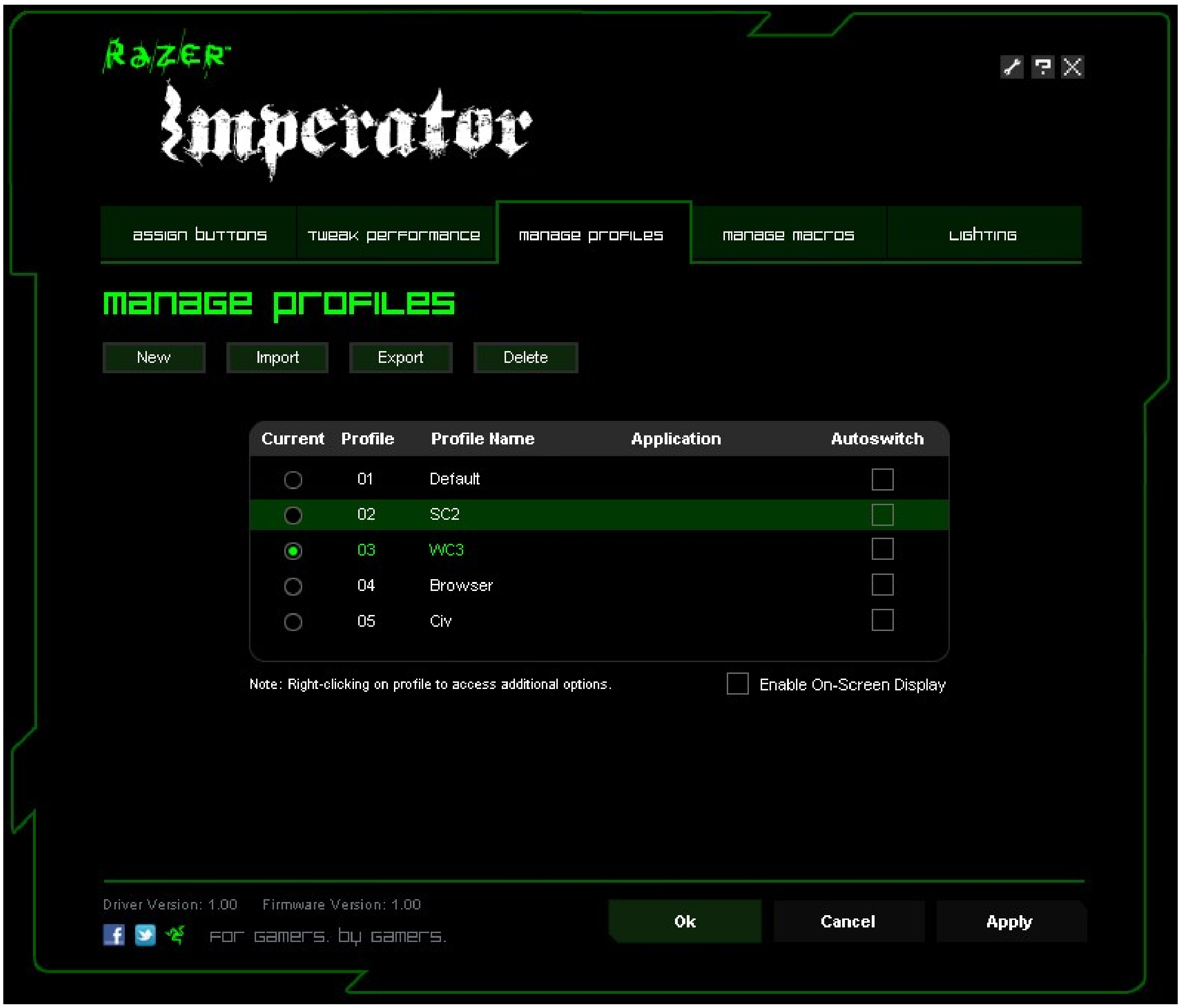


a. On/Off
When set to "On", the 4G Dual Sensor System will calibrate your mouse to the specific surface, optimizing it for fast and precise tracking.

When set to "Off", your mouse will perform without the added benefit of surface calibration by the 4G Dual Sensor System. This is only necessary in certain circumstances such as when a surface is multicolored. Otherwise, the general recommendation is to keep the surface calibration setting to "On" permanently to get the best out of your mouse.

b. Lift-Off Range
i. Auto - The mouse will automatically calibrate to your surface whenever the mouse is plugged into your system.
ii. Custom - Increase or decrease the height where tracking is cut off as soon as the mouse is lifted from the surface.

MANAGE PROFILES TAB



In the Manage Profiles tab, you can create and activate customized profiles based on the application you have launched.

1. Current: Indicates the current active profile.

2. Profile: Indicates the profile number

3. Profile Name: Right-click on this row and select "Rename" to enter a profile name of your choice.

4. Application: Right-click on this row and select "Assign Application" to open up directory browsing. Select the executable file of the program you want the profile to be linked to.

5. Auto Switch: Check the box to enable automatic profile switching when the chosen application is launched.

With Razer Synapse, you can save up to 7 profiles on your Razer Imperator. If you require more profiles and do not wish to delete the existing profiles, simply export the existing profiles to your hard disk and import them back as and when needed.

Right-clicking on any profile allows you to quickly access a list of extra commands.

MANAGE MACROS TAB



In the Manage Macros tab, you can record unlimited keystrokes (dependent on your storage resources). These macros can also be imported and exported onto your hard disk for future usage.

a. Macro Entry: Enter your macro in the Macro Entry box. You can even choose to insert a delay time and/or a mouse-button press.

b. Delay (ms): Choose the amount of delay to be inserted between keystrokes of your macro.

c. Basic Commands: A list of basic commands in Windows OS that can be inserted between keystrokes of your macro.

d. Additional Commands: Another list of commands in Windows OS that can be inserted between keystrokes of your macro.

You can ignore delays between events during recording by clicking on the checkbox in the Manage Macros tab.

Refer to 'Using Your Razer Imperator' for more details.

LIGHTING TAB



Turn on/off the scroll button and Razer logo lights on the Razer Imperator.

SOFTWARE UPDATE & RESET

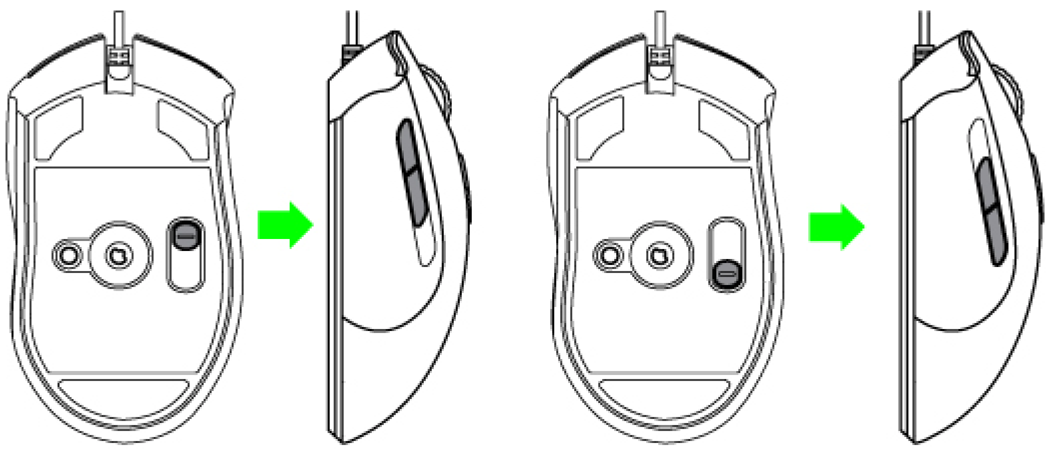
Update the Razer driver and firmware software by clicking on the button. This will connect you to **www.razersupport.com** for the latest driver/firmware downloads. You can also restore your Razer Imperator to the default settings of your current profile by pressing the RESET button.

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6. USING YOUR RAZER IMPERATOR

ADJUSTABLE SIDE BUTTONS

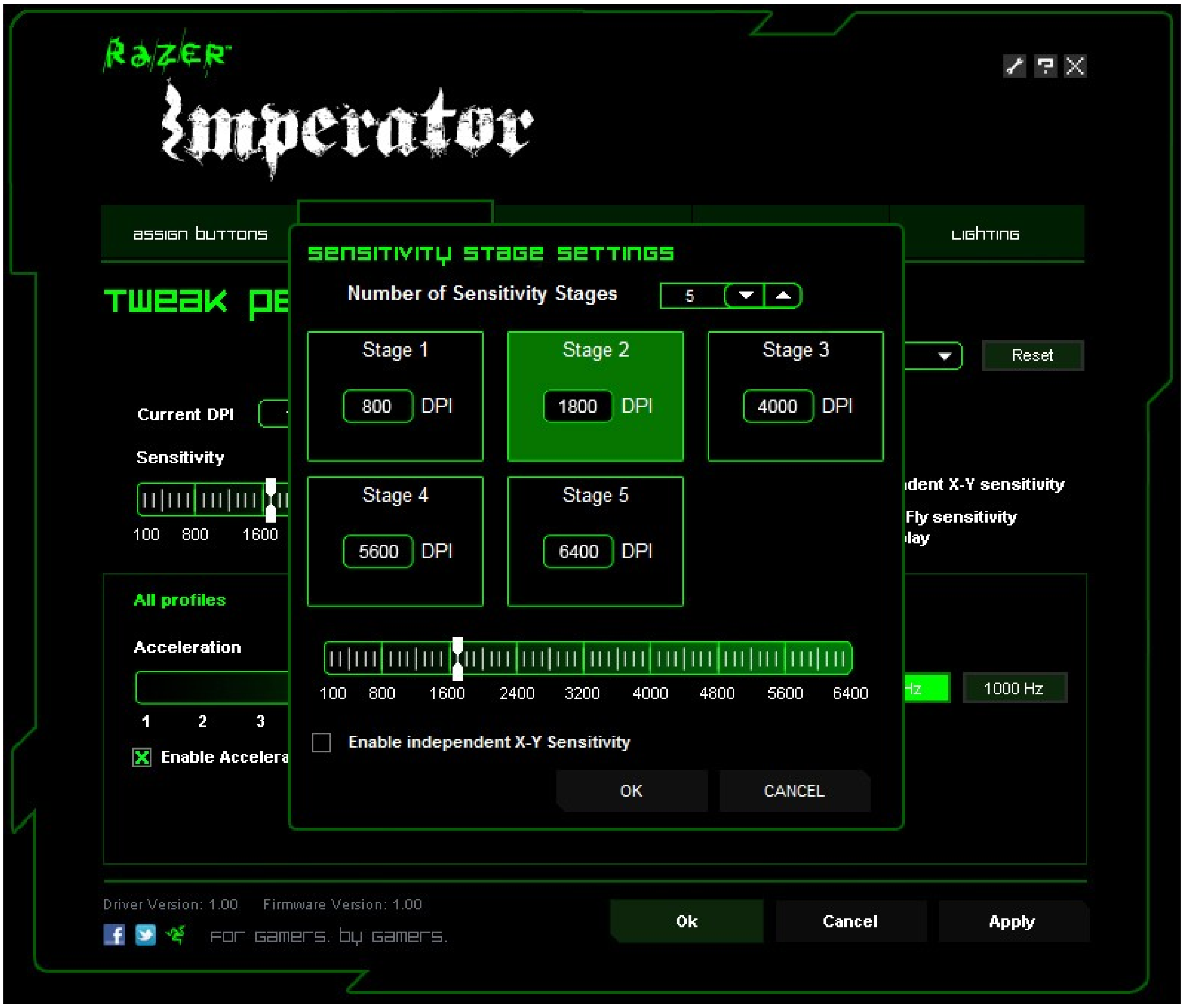
Designed after extensive ergonomic studies with professional gamers, the Razer Imperator provides improved ergonomics by allowing the customized positioning of the side buttons.



For maximum reach of the side buttons to suit various palm size and grip styles, the adjustable side buttons can be positioned by:

1. Pressing and holding the side button selector switch on the bottom of your Razer Imperator.
2. Move the side button selector switch along the slider to adjust the position of the side buttons.
3. Release the side button selector switch to lock the side buttons at the new position.

SETTING SENSITIVITY STAGES



A sensitivity stage is a preset sensitivity value you can swap to On-The-Fly. This means you can change between multiple pre-defined sensitivities instantly by toggling between sensitivity stages.

To preset a sensitivity stage:
1. Load the Razer Imperator Configurator.
2. Click on the Tweak Performance tab.
3. Click on the"Sensitivity Stage" button. A Sensitivity Stage Settings pop up box will appear.
4. Select the number of sensitivity stages needed.
5. Click on the stage you would like to preset and adjust using the arrow on the slider below.
6. Click "Apply" when done. To switch between different sensitivity stages, simply assign the Sensitivity Stage Up and Sensitivity Stage Down functions to the desired buttons.

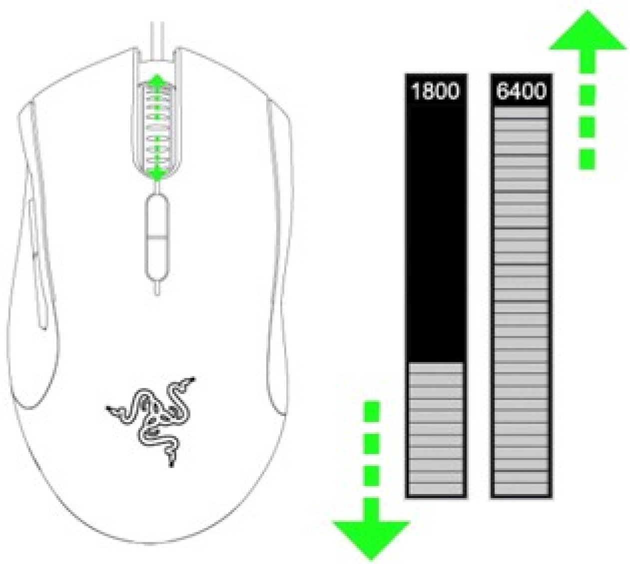
CREATING MACROS

1. Load the Razer Imperator Configurator.
2. Click on the Manage Macros tab.
3. Click NEW to start a new macro
4. Click to start creating a macro.
5. Type in the desired sequence of keystrokes.
6. Click to end the recording.
7. Right-click on the recorded keystroke to access more options.
8. You can also insert additional commands by clicking on the drop down menus.
9. Click APPLY when done.

SWITCHING PROFILES
You can switch between profiles in 3 ways in the Razer Imperator Configurator:
a. By changing the Current Profile.
b. By selecting the Current Profile radio button in the Manage Profiles tab..
c. By assigning the function to a button in the Assign Buttons tab.

Example: Selecting Profile 5 to be activated upon loading of Program A
1. Open up the Razer Imperator Configurator
2. Click on the Manage Profiles tab.
3. Select Profile 5
4. Right-click the row, select "Rename" and enter a name for the profile.
5. Right-click the row, select "Assign Application" to open up the directory browser and locate the executable file for Program A
6. Check the auto-switching option for Profile 5 to activate auto-switching.
7. Click OK.

ON-THE-FLY SENSITIVITY
If "On-The-Fly Sensitivity" has been assigned to a button, pressing that assigned button and moving the scroll wheel will produce a bar at the lower right-hand corner of your screen, allowing you to dynamically adjust your sensitivity settings.



GLOSSARY

Acceleration

Acceleration is an internal filter of the driver, and is primarily a legacy option for low dpi mice users. With acceleration enabled, faster mouse movements cover additional on-screen distance. Windows has acceleration turned on by default as a convenience for users assuming that everyone will have 400DPI mice, but this will likely be a hindrance to most gamers and precision users who require greater accuracy.

DPI switcher - Resolution

Resolution is the number of counts per inch of movement sent by the mouse hardware to the OS. E.g. 400DPI means a movement of one inch will result in 400 counts of movement. Without any of the above filters operating, this will result in 400 pixels of movement on the screen.

Independent X and Y-axis Settings

You can preset independent X-axis (sensitivity movements side to side) and Y-axis (sensitivity movements up and down). When this feature is enabled and On-The-Fly Sensitivity is used, a new on-the-fly interface bar that allows further sensitivity adjustments will appear on-screen.

Lift-off Distance

This is the distance (height) between surface and mouse as it is lifted-off, a technique employed by low-sensitivity gamers (i.e. preferred for better accuracy in first-person shooters) for more efficient swiping during gameplay. These gamers lift-off their mice in order to quickly reposition it back at the centre of the mat for onscreen mouselook-to-hand movement realignment.

Macros

A macro is a sequence of keystrokes executed in a particular order and timing. It allows you to execute a chain of commands, with the press of just one button for faster response in your games.

Mouse to Surface Calibration

By calibrating the mouse to the particular surface i.e. your preferred mouse mat, it will ensure the mouse tracks your swipes more rapidly and accurately for the best in-game performance at all times. Calibration occurs when the system detects the distance between the sensor and the surface.

Polling Rate

The polling rate determines the time intervals that the PC retrieves data from your mouse. A higher value would mean shorter intervals and therefore less latency.

Profiles

A profile allows you to store your various settings such as button assignments and macros as a single group for your convenience. In addition, you can also set your Razer Imperator to change profiles once a particular program is launched.

Sensitivity Stage

A sensitivity stage is a preset sensitivity value you can swap to on-the-fly.

7. LEGALESE

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